

FIG. 1D  
(PRIOR ART)

FIG. 1C  
(PRIOR ART)

FIG. 2 is a schematic diagram of a prior art system. The system includes a plurality of components arranged in a grid. The components are labeled 100aa, 100ab, 100ba, 100bb, 102, 104a, 104b, 106, 110, 112a, and 112b. The components 100aa and 100ab are arranged in a row. The components 100ba and 100bb are arranged in a row. The component 102 is a horizontal bar. The components 104a and 104b are horizontal bars. The component 106 is a horizontal bar. The components 110, 112a, and 112b are angled bars. The component 110 is connected to the components 100aa and 100ab. The components 112a and 112b are connected to the components 100aa and 100ab. The component 102 is connected to the components 100aa and 100ab. The components 104a and 104b are connected to the components 100aa and 100ab. The component 106 is connected to the components 100aa and 100ab.

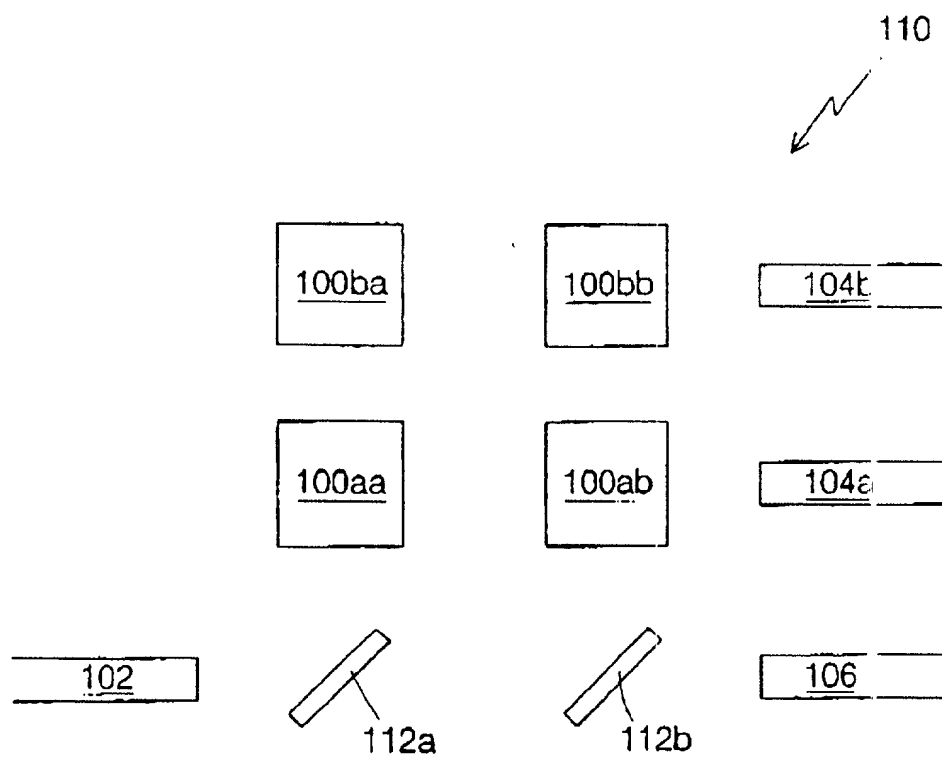


FIG. 2  
(PRIOR ART)

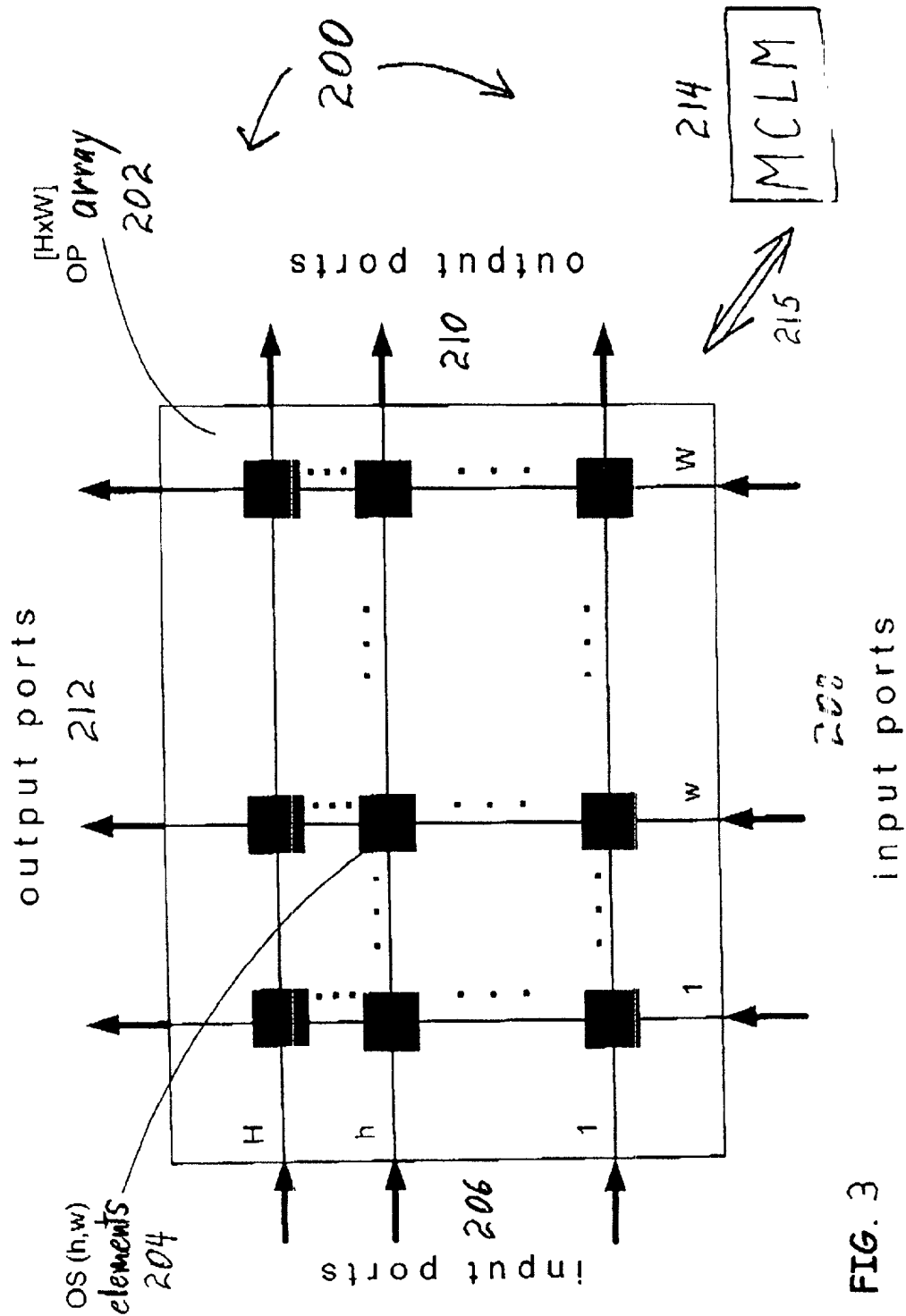


FIG. 3

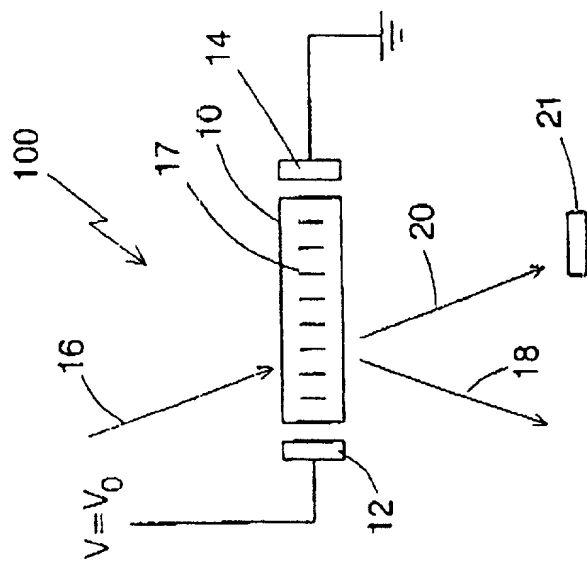


FIG. 1A  
(PRIOR ART)

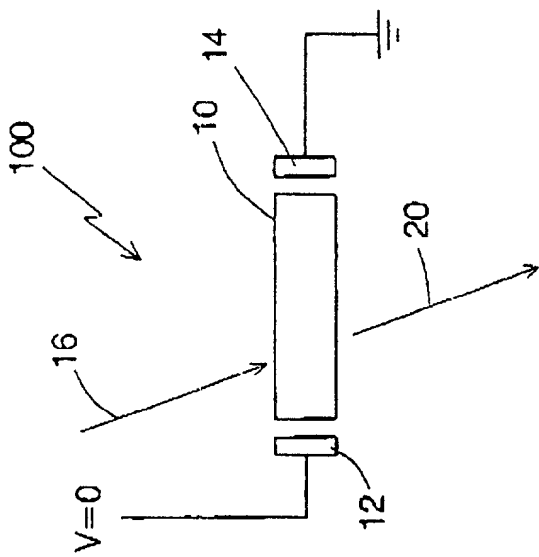
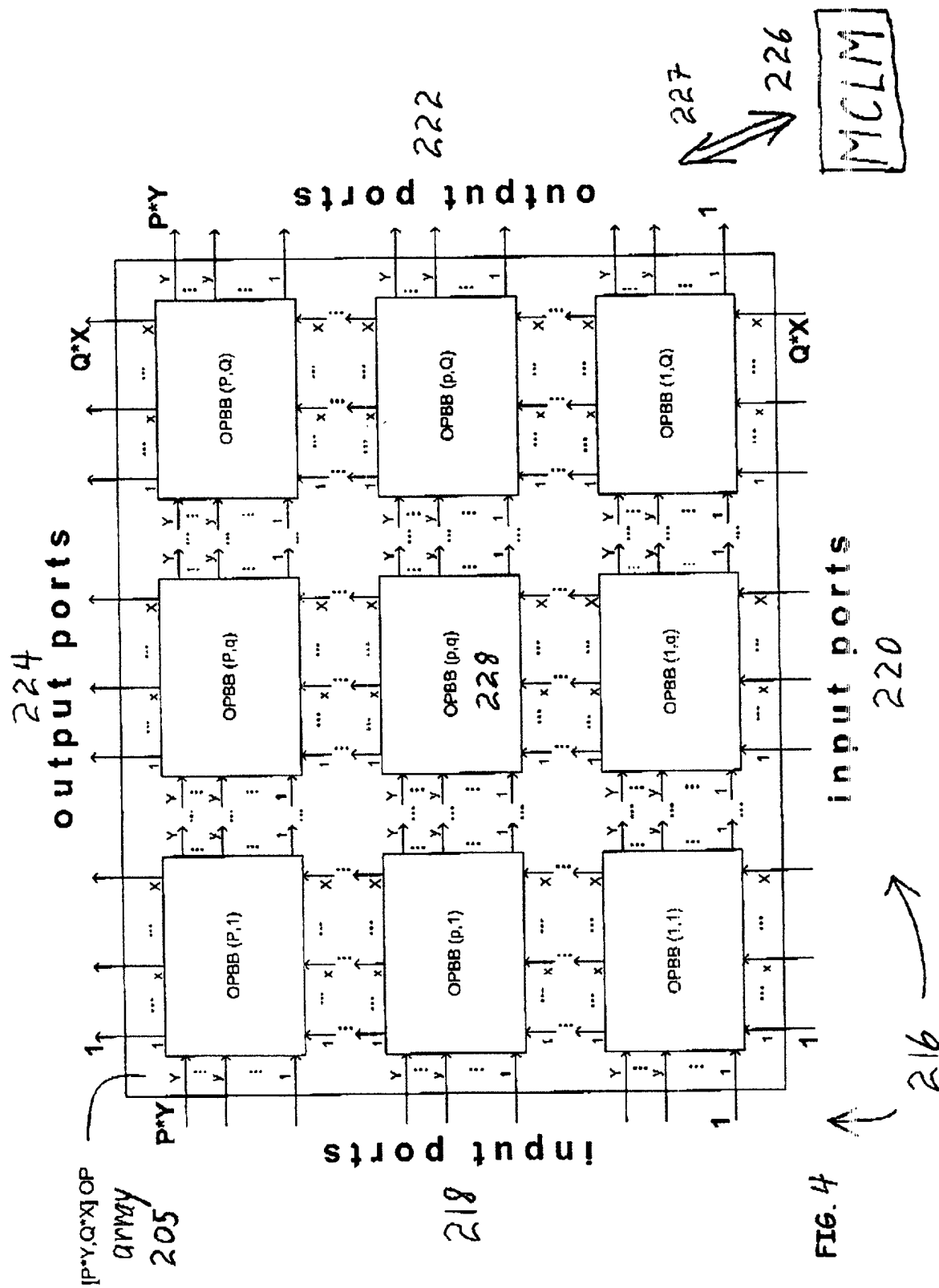


FIG. 1B  
(PRIOR ART)



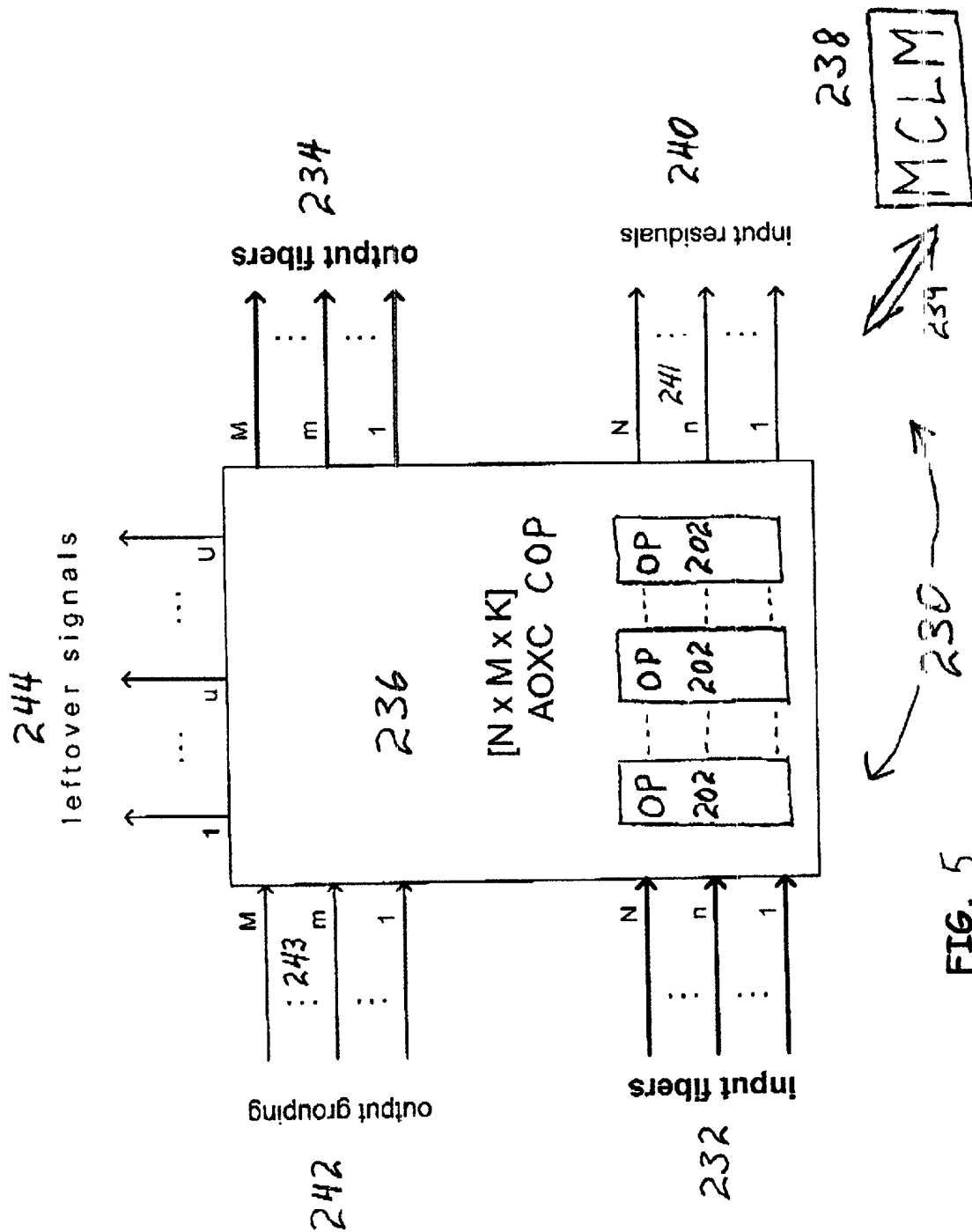


FIG. 5

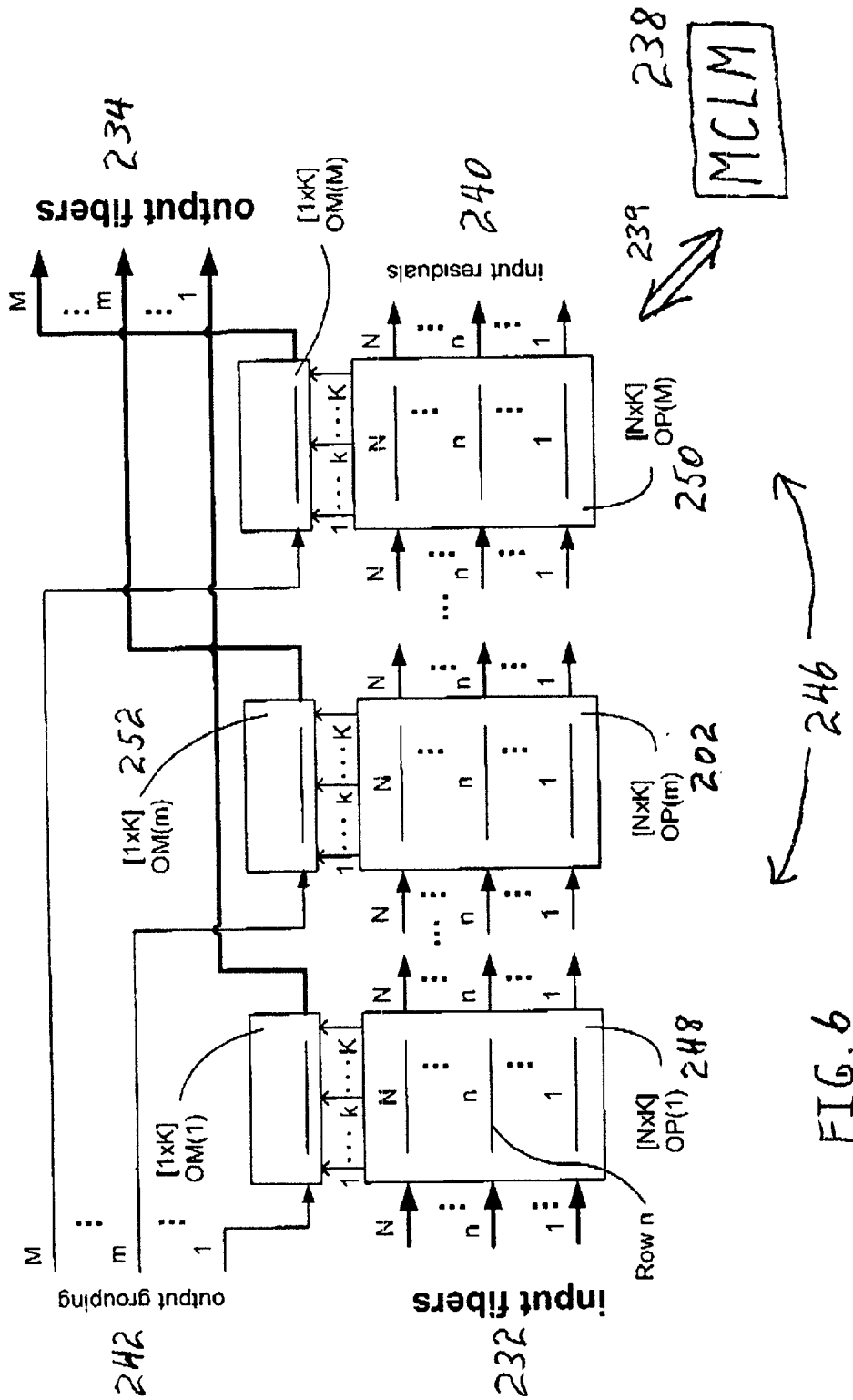


FIG. 6

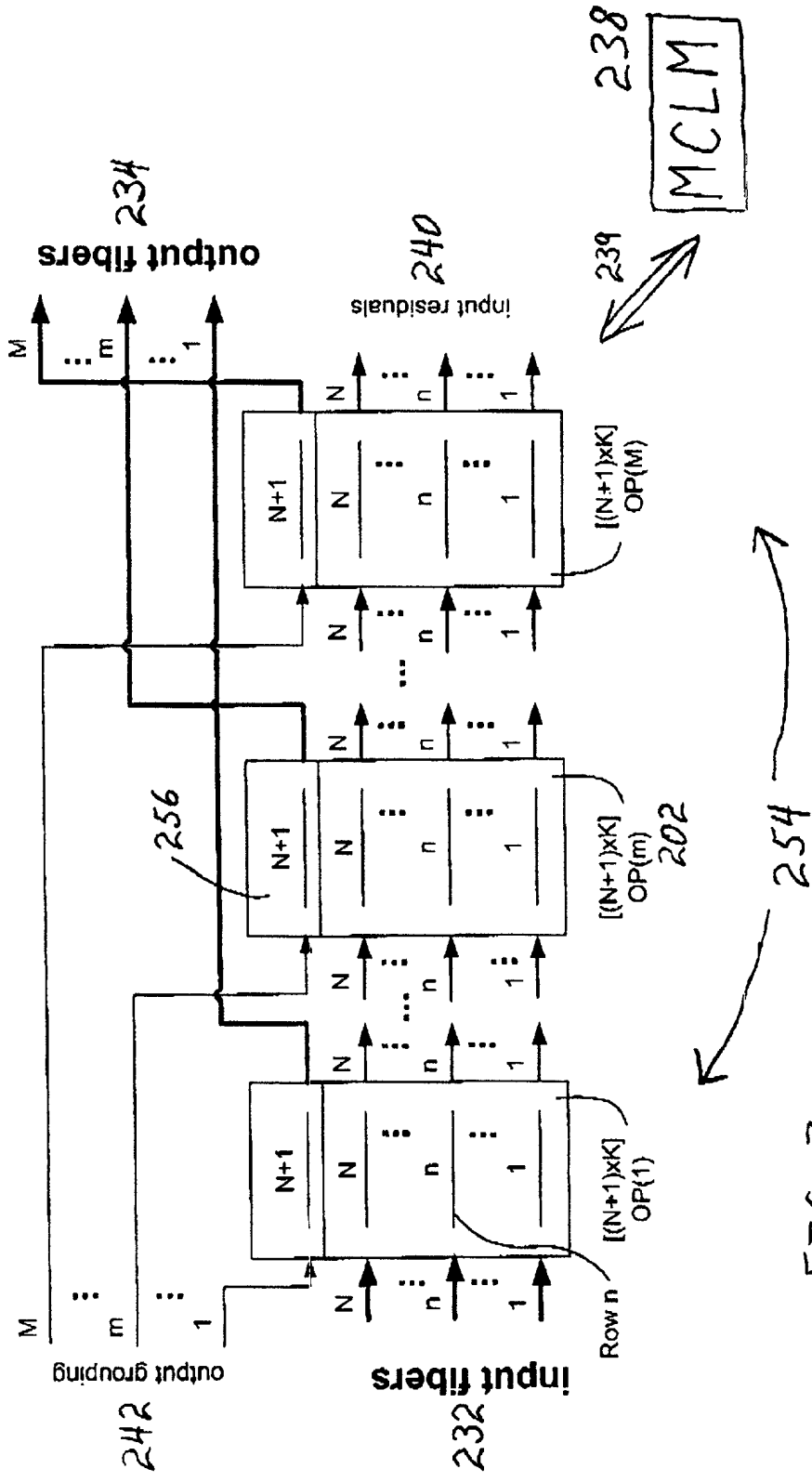


FIG. 7



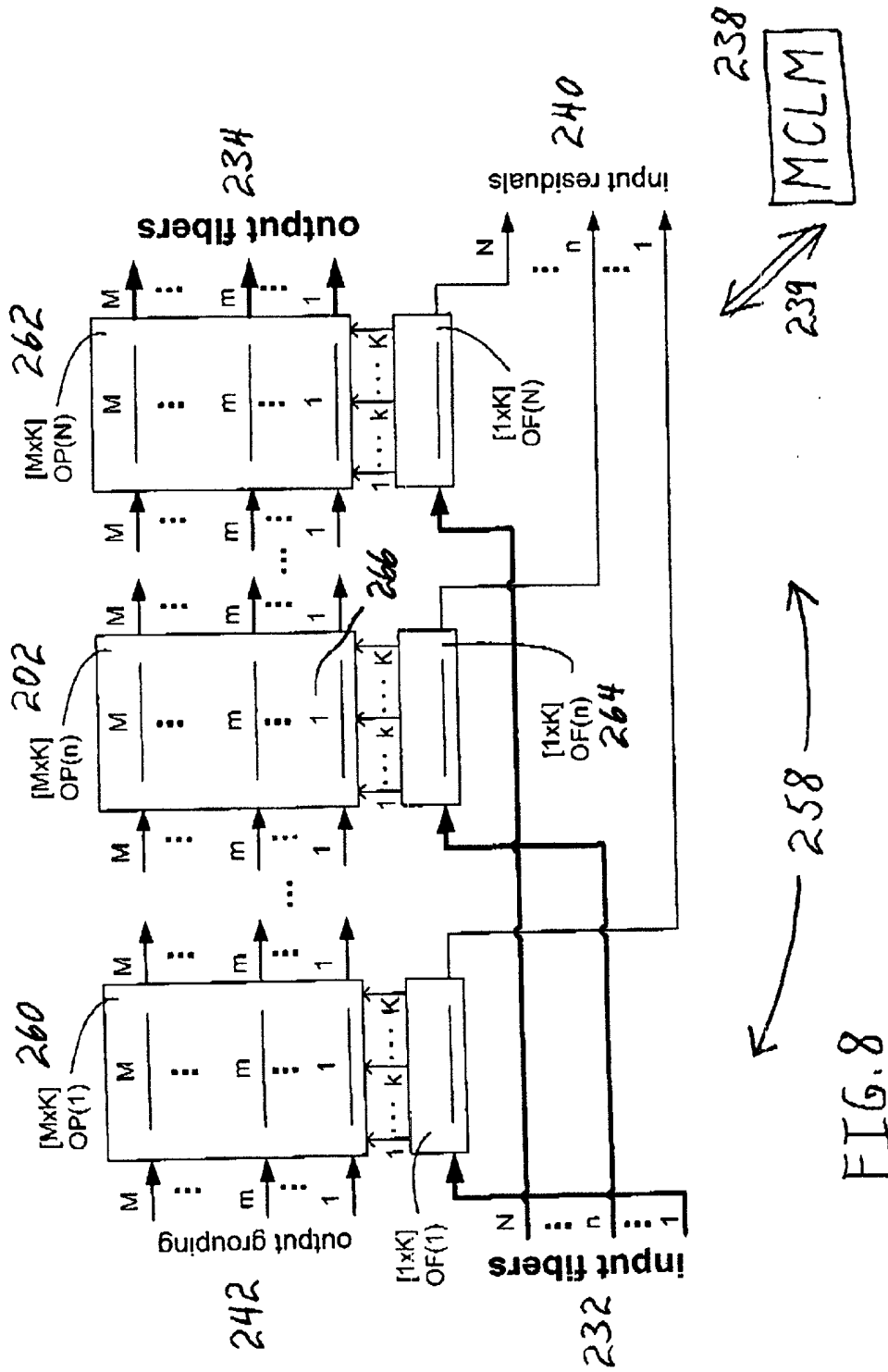


FIG. 8

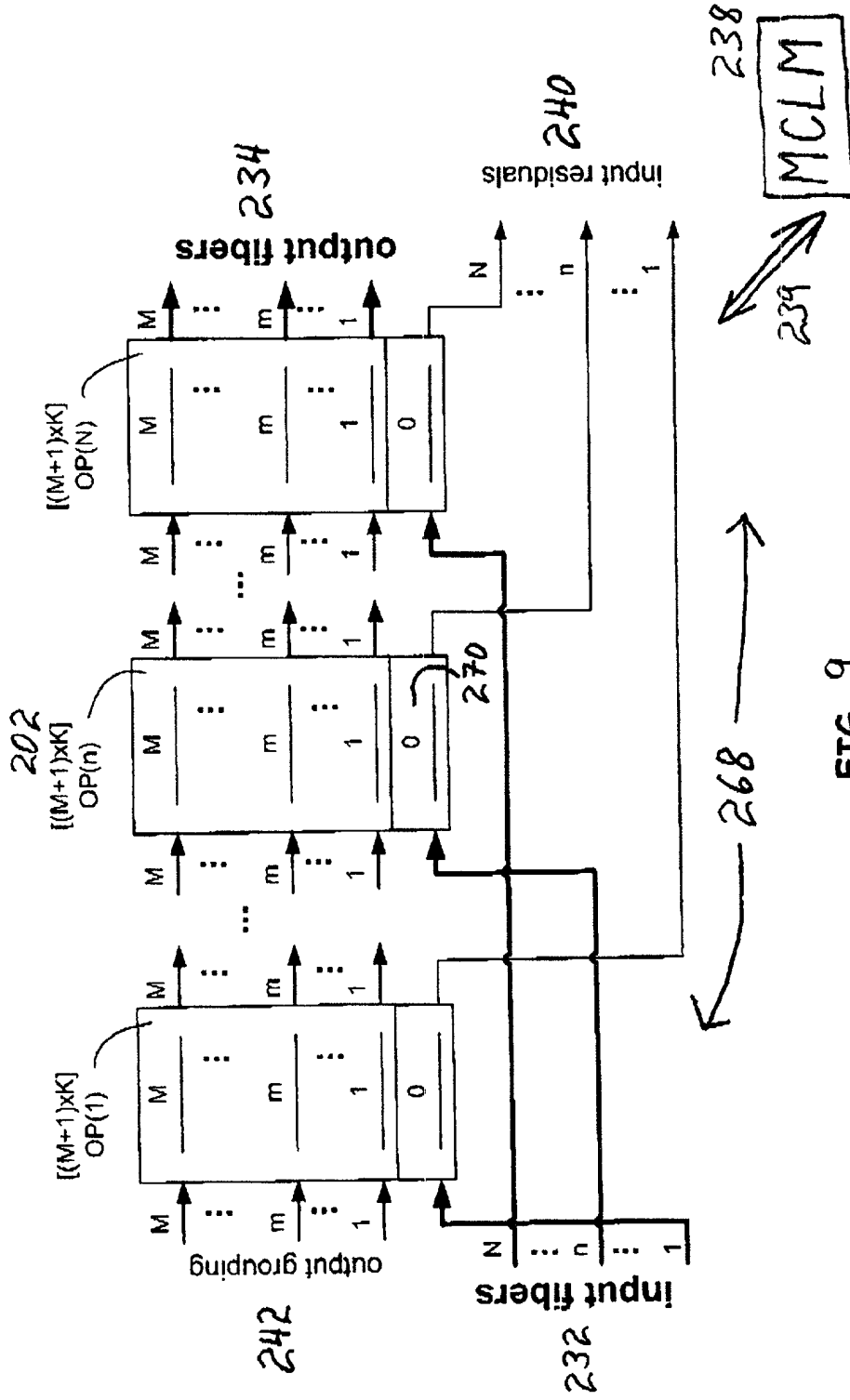


FIG. 9

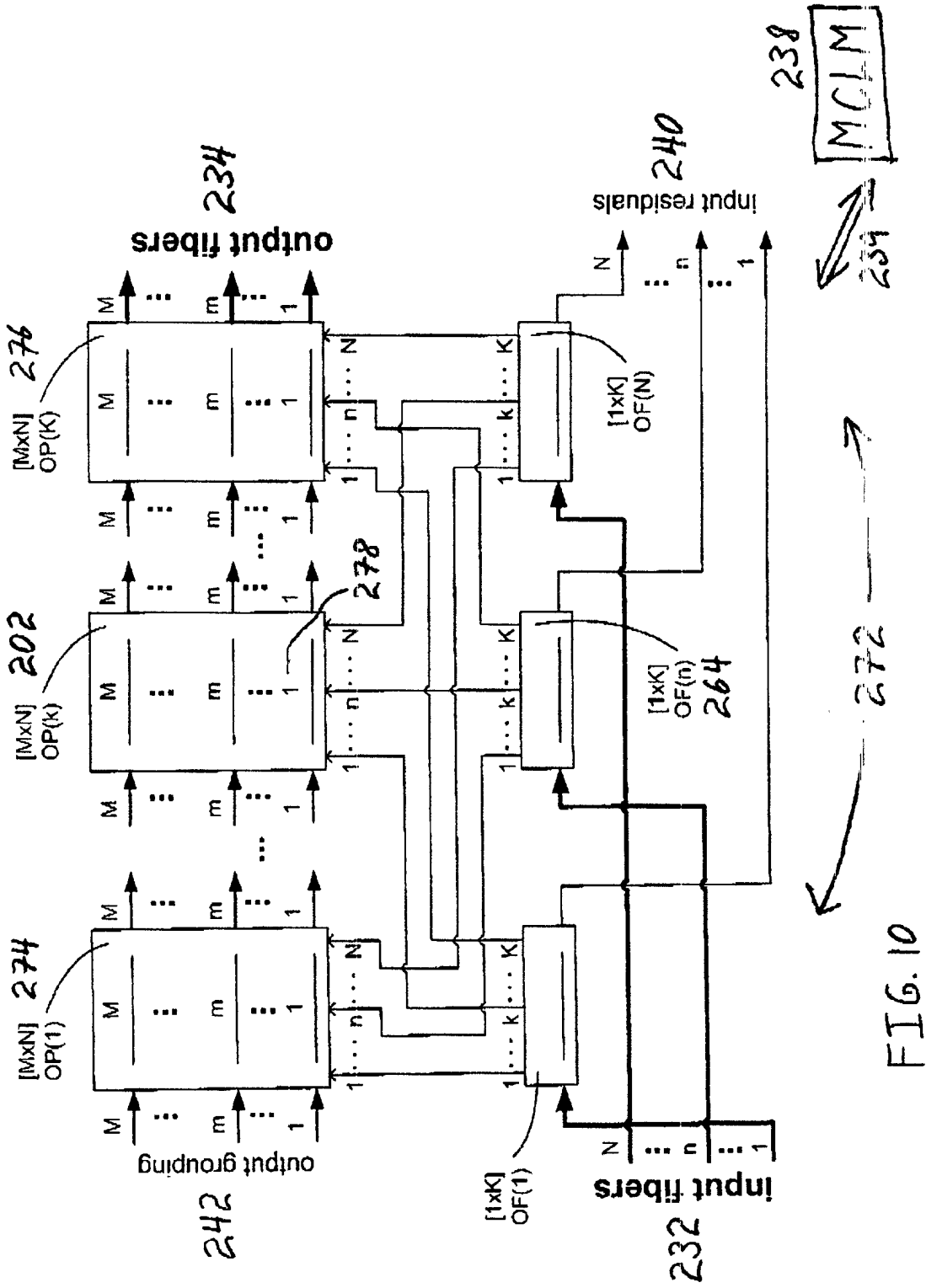


FIG. 10

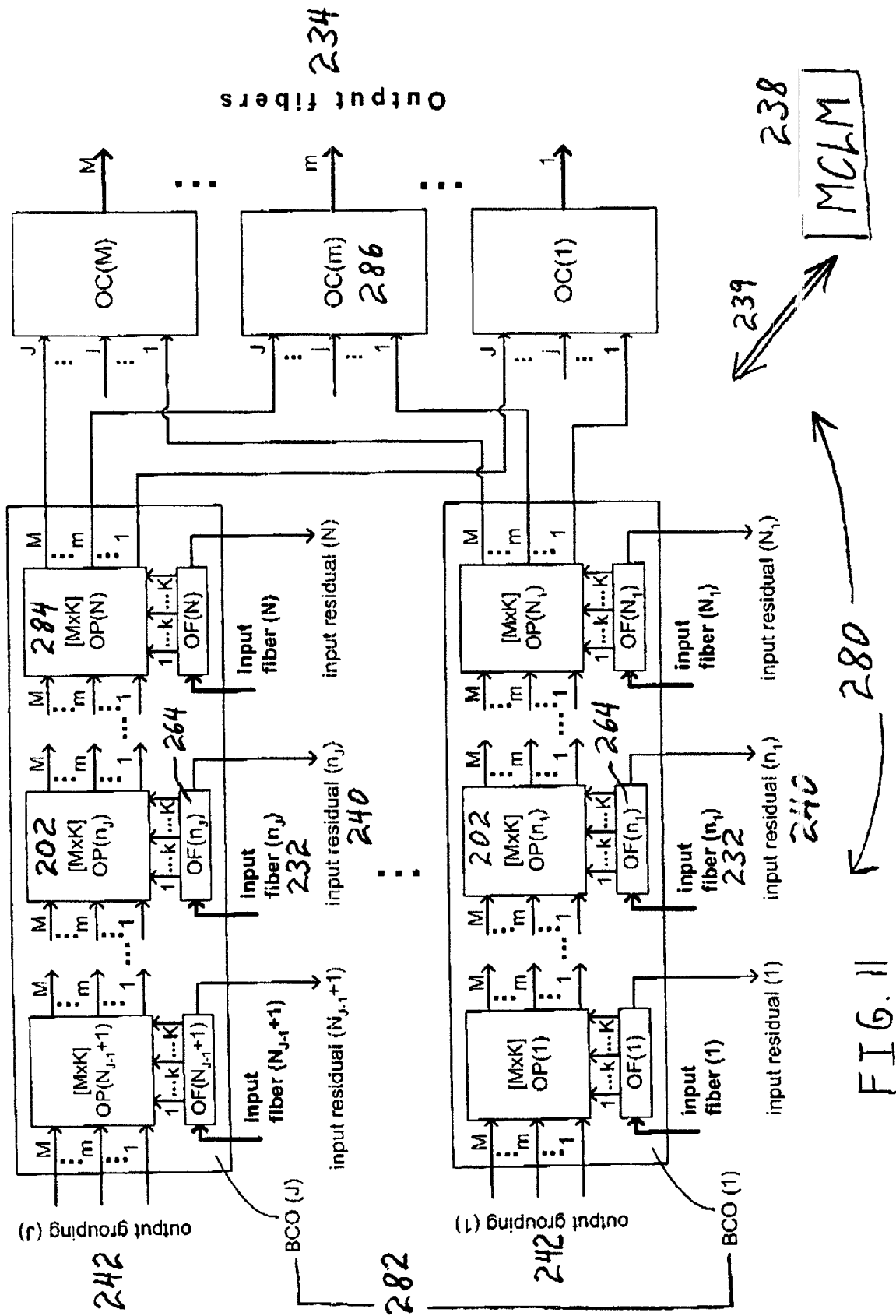
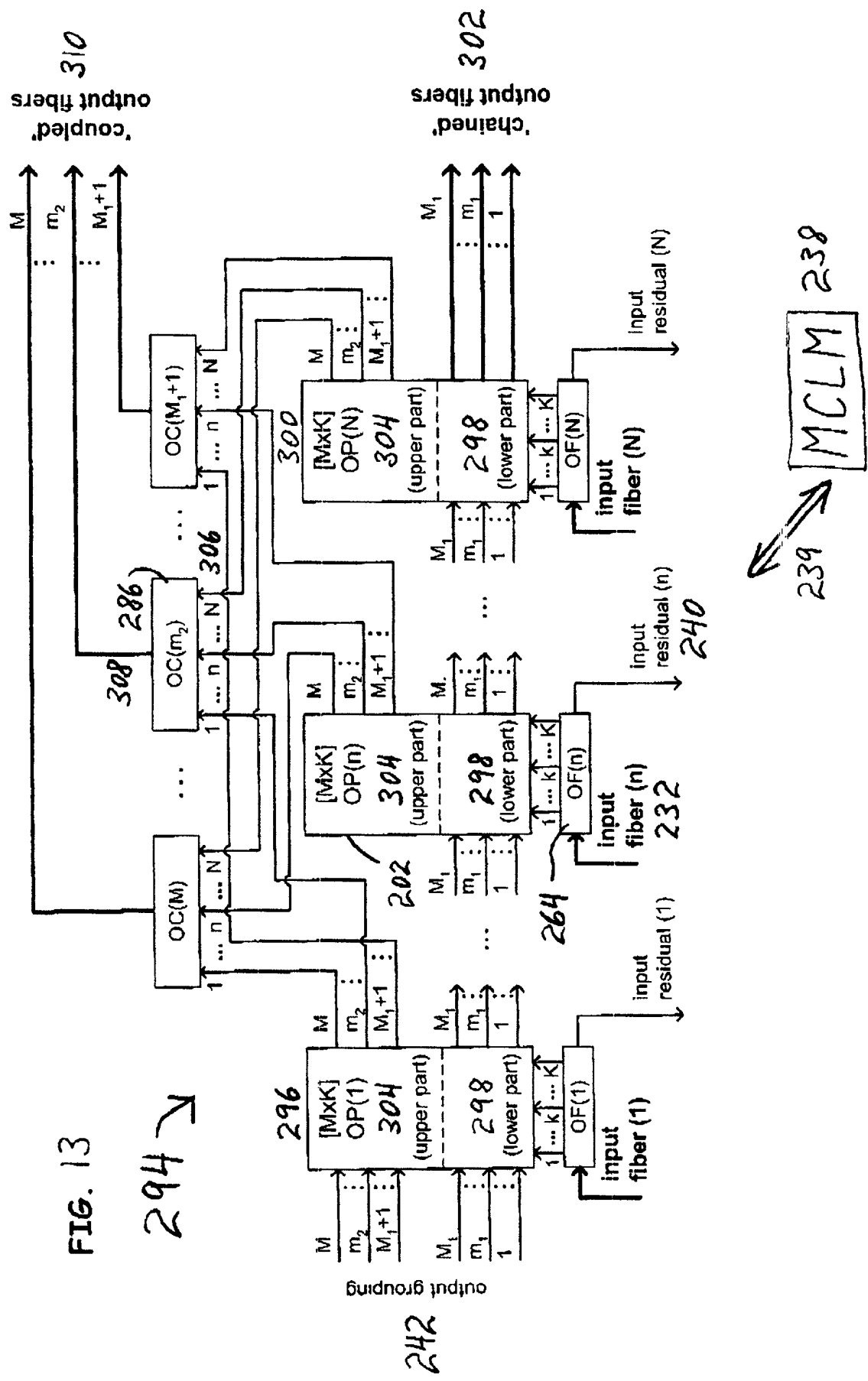


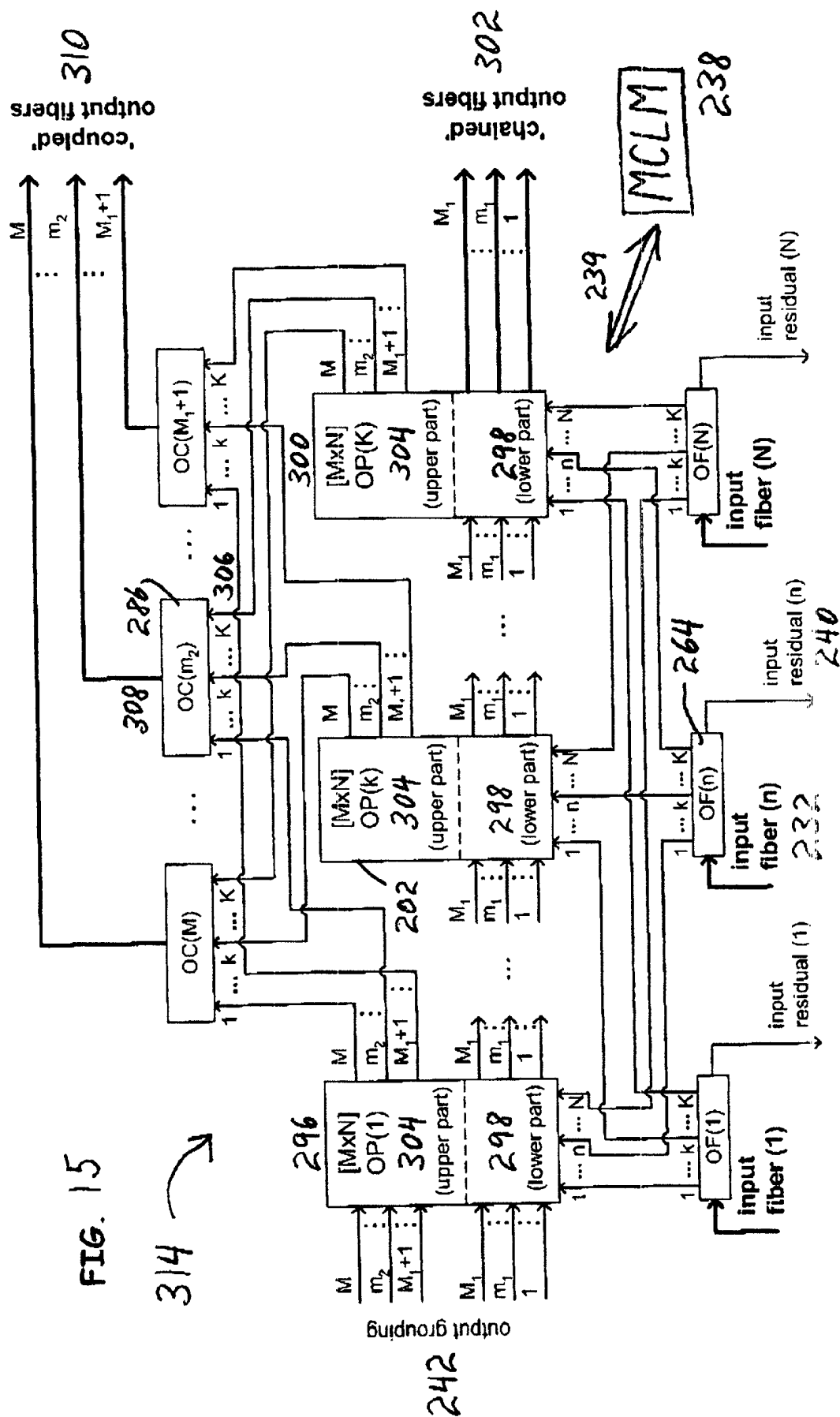


FIG. 13 is a block diagram of a multi-channel optical fiber communication system. The system includes a series of input fibers (1) through (N) and a series of output fibers (1) through (N). Each input fiber (i) is connected to a corresponding output fiber (i) through a series of optical components. The system is designed to handle multiple channels of data simultaneously.

FIG. 13









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MCLP



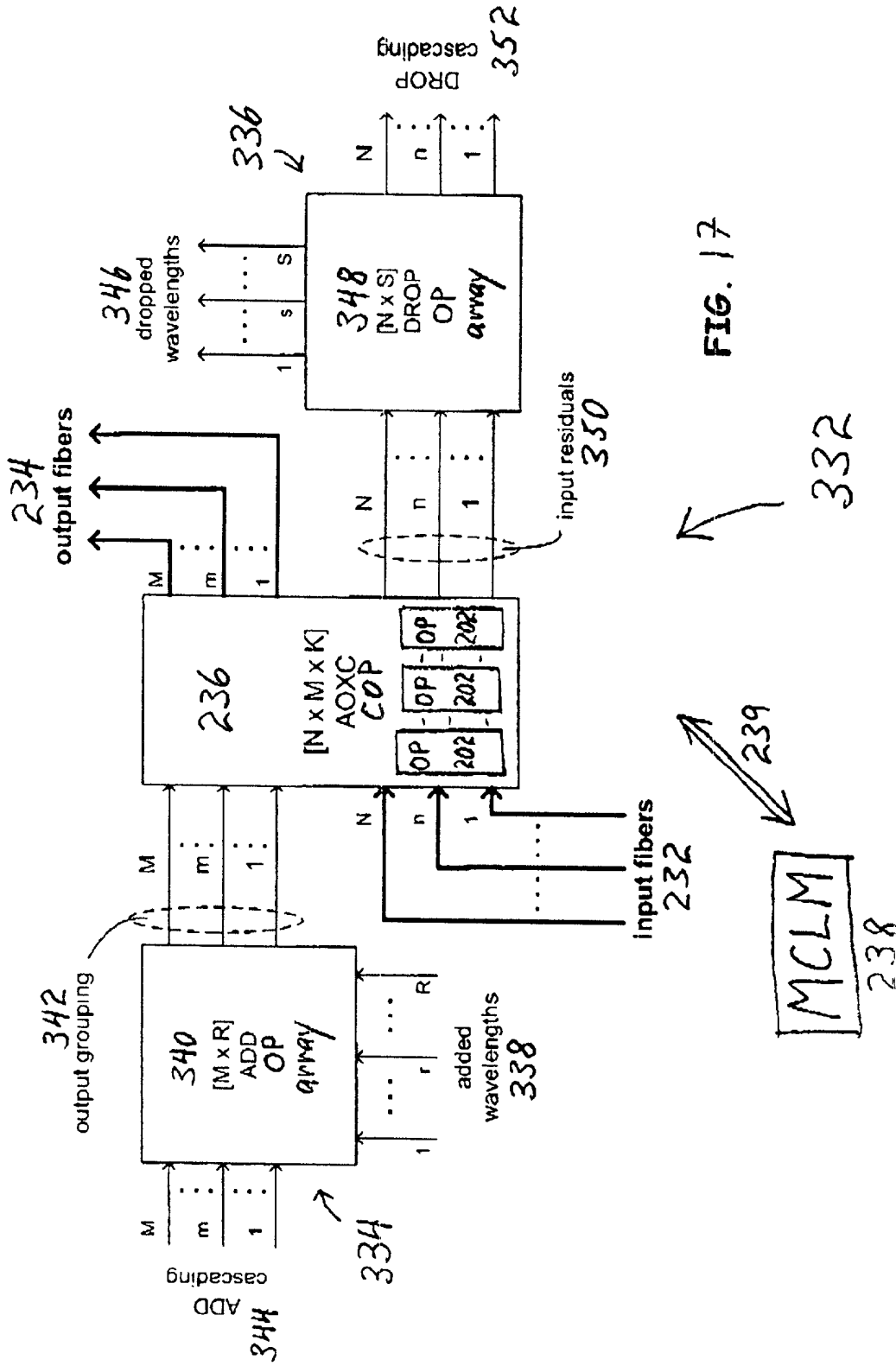


FIG. 17

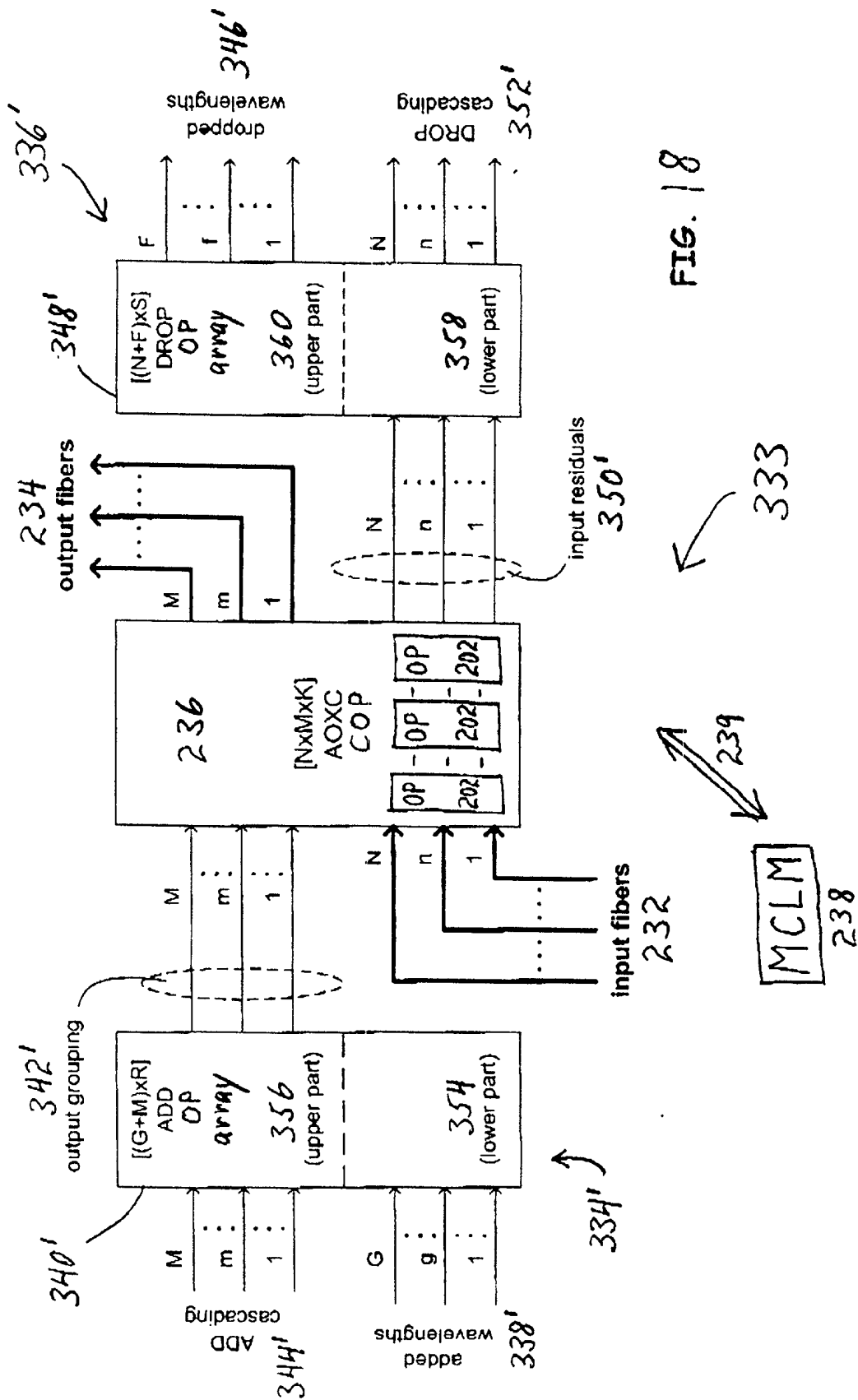
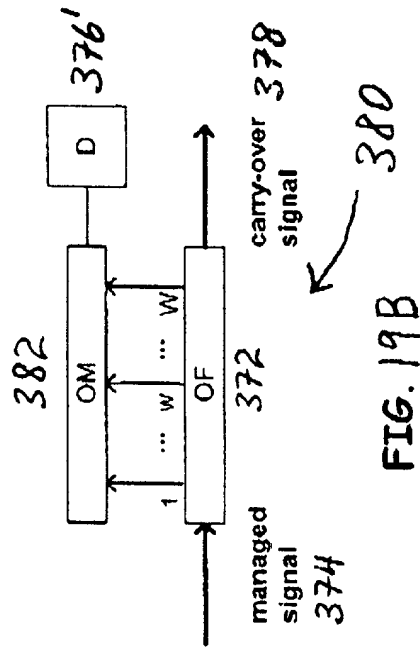
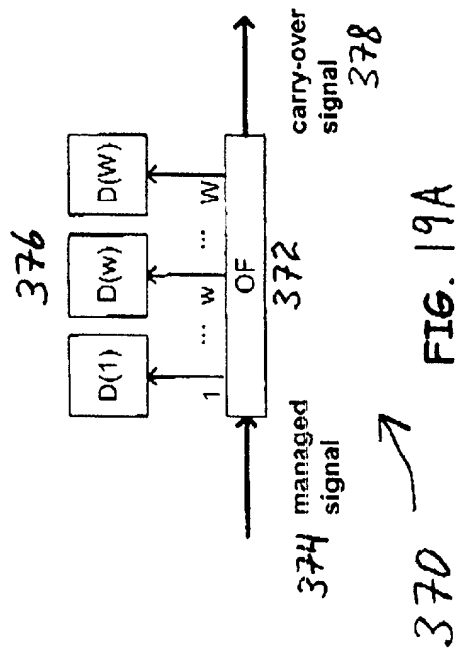


FIG. 18



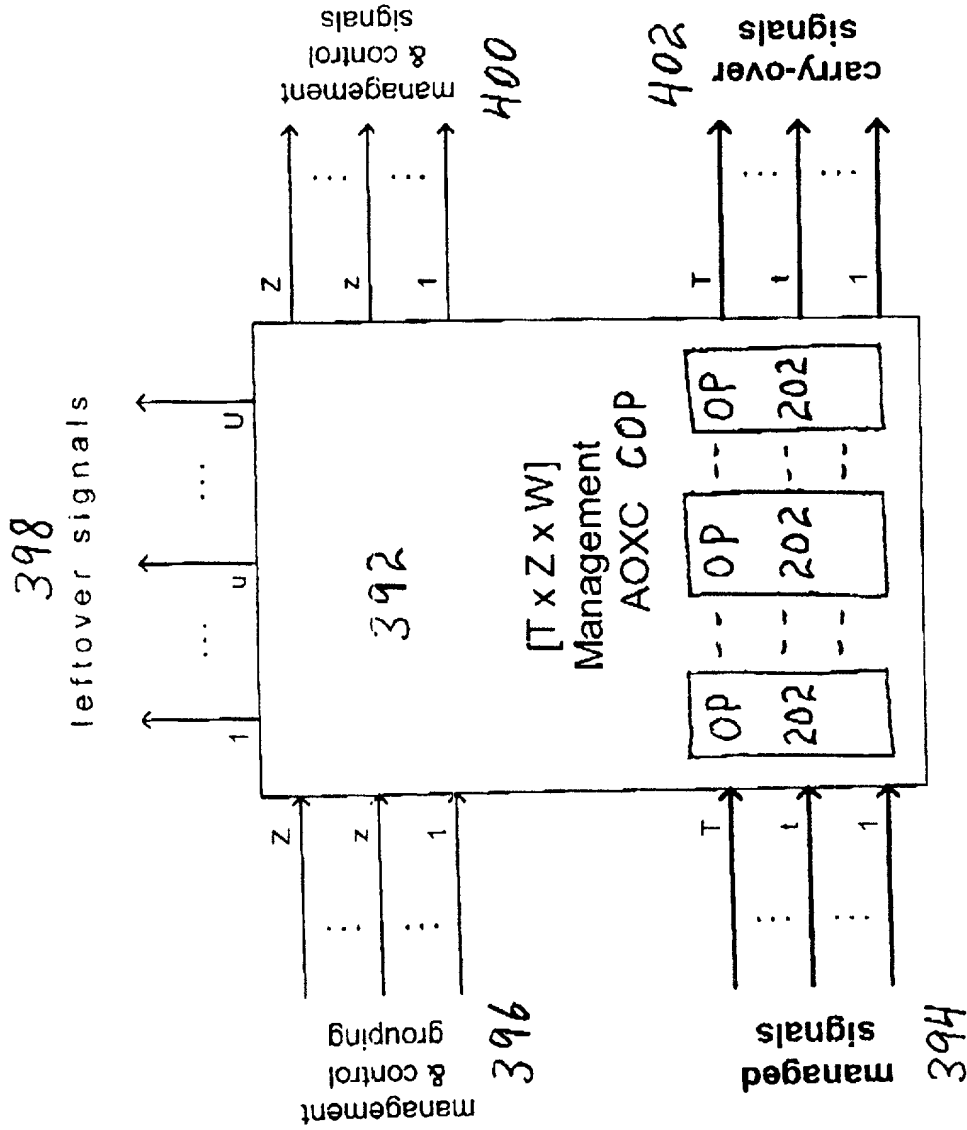


FIG. 20

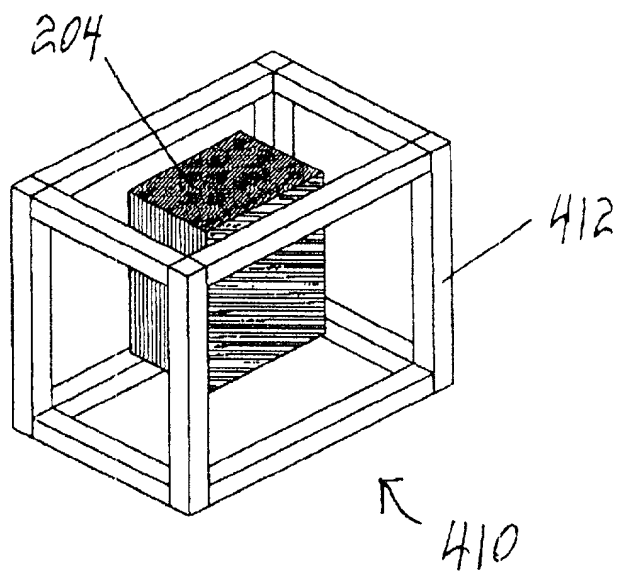


FIG. 21

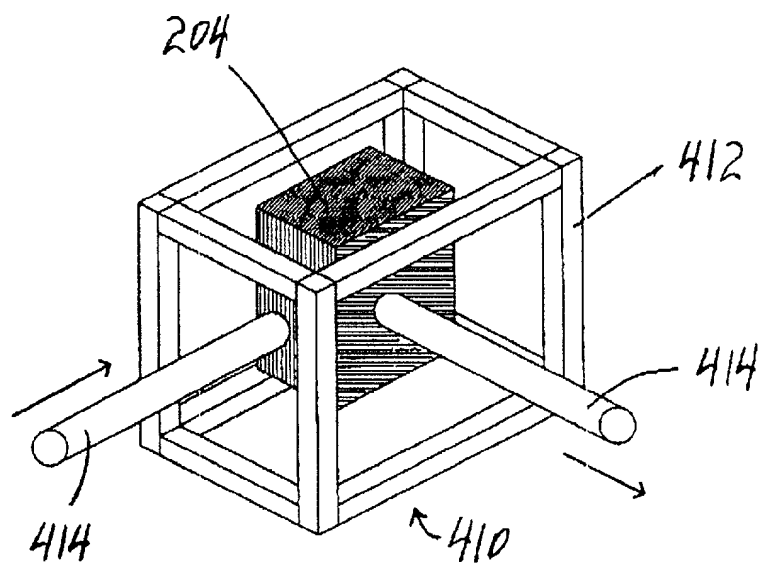


FIG. 22

FIG. 23 is a perspective view of a 3D grid structure 416.

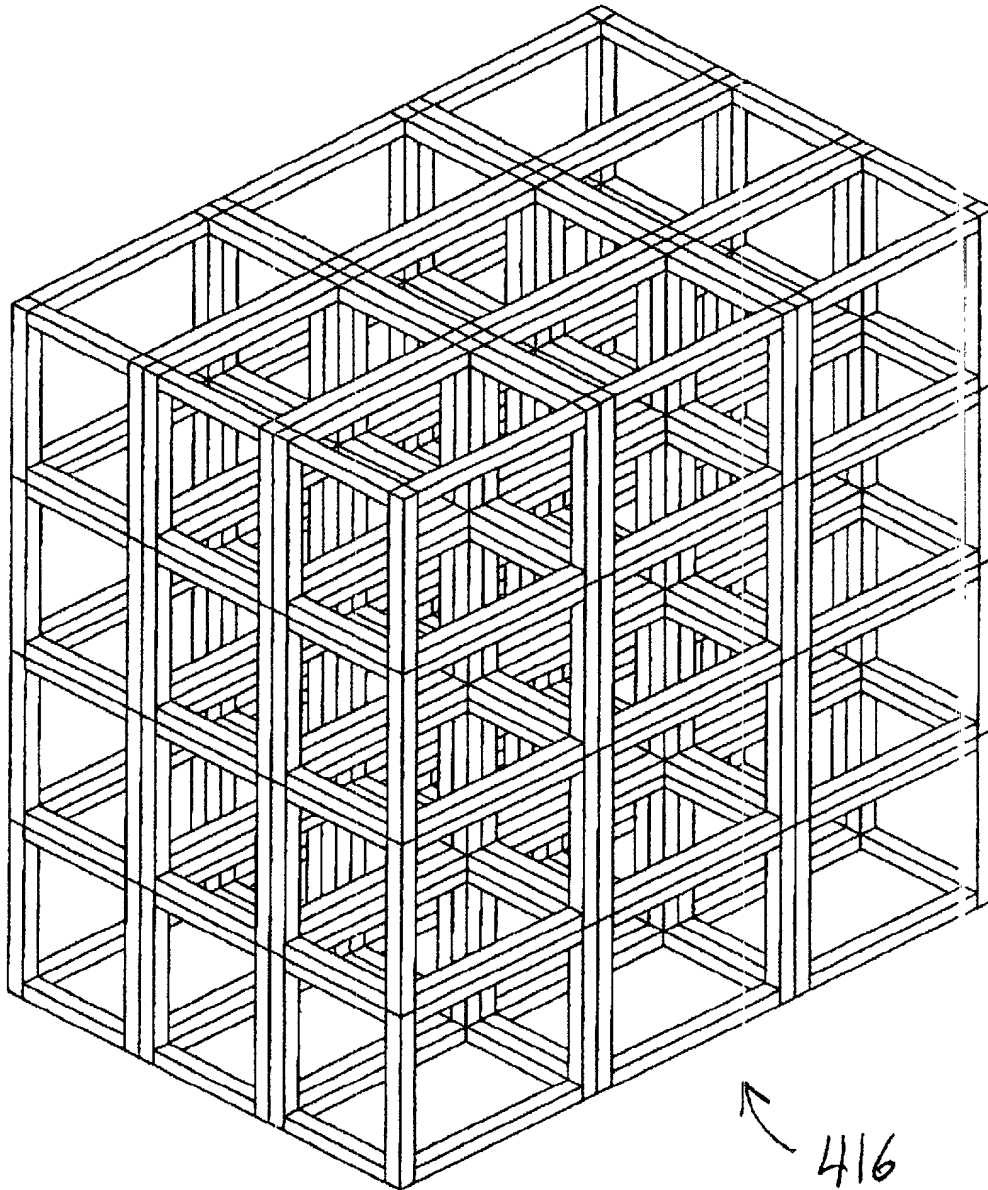


FIG. 23



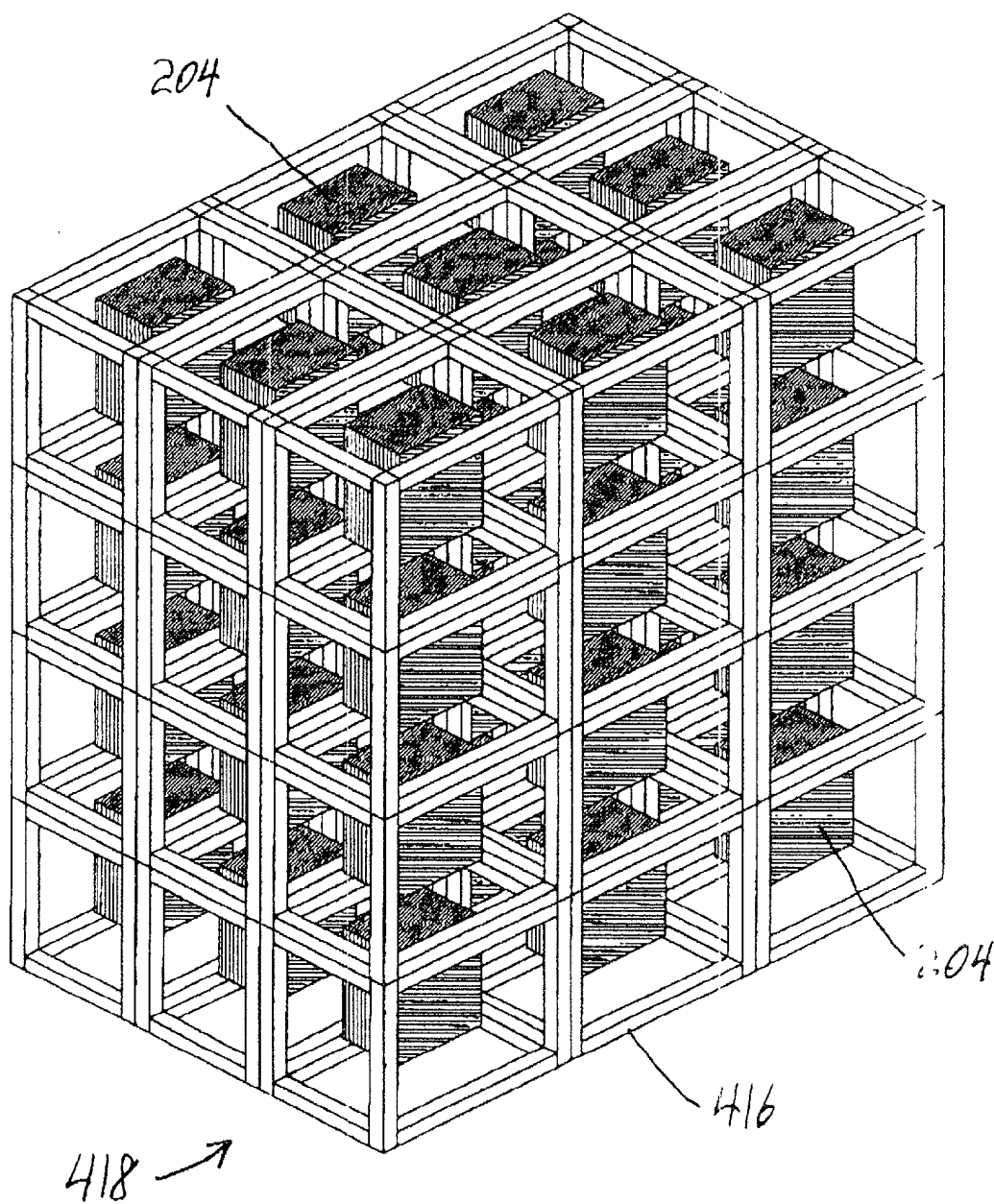
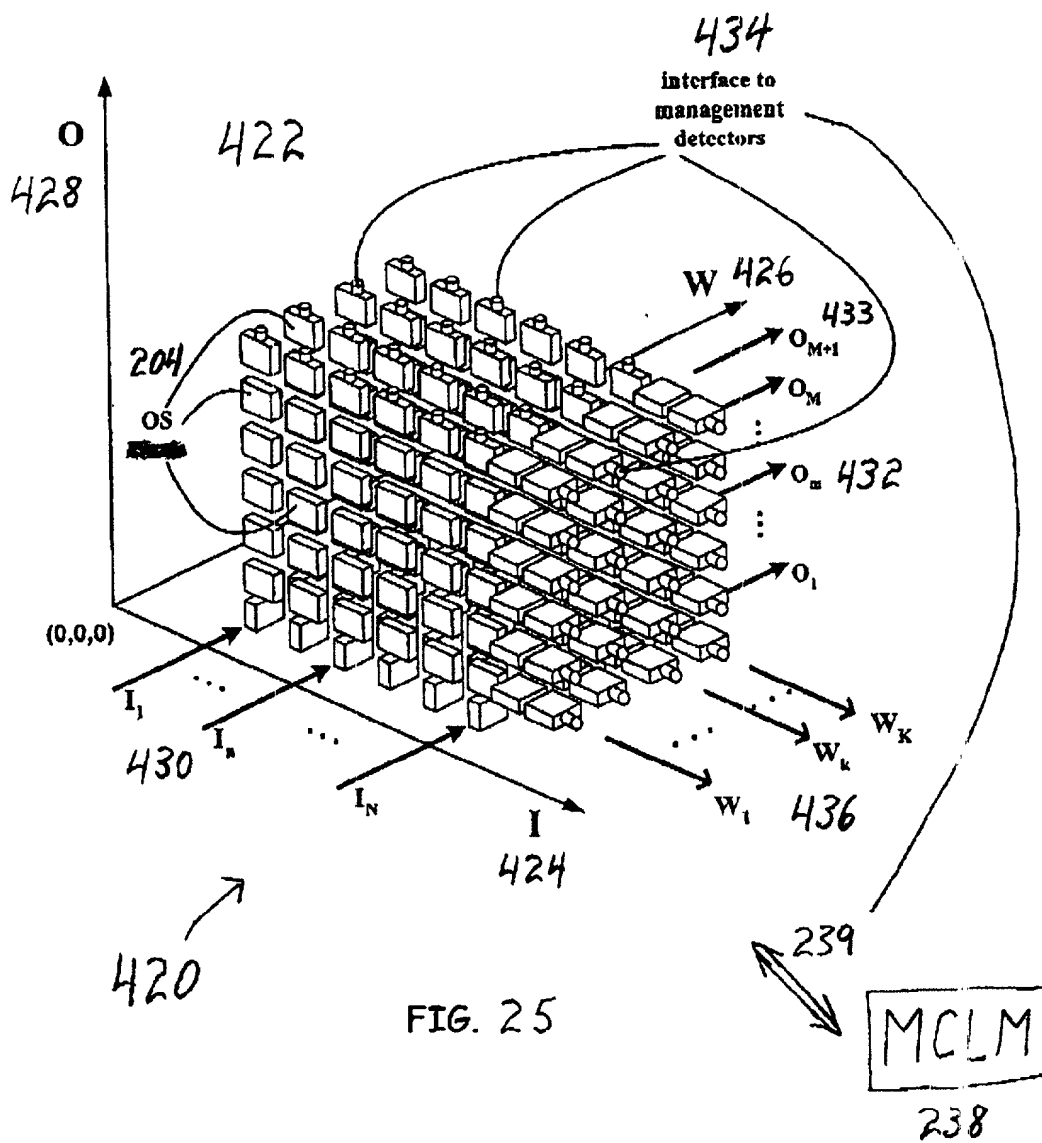


FIG. 24



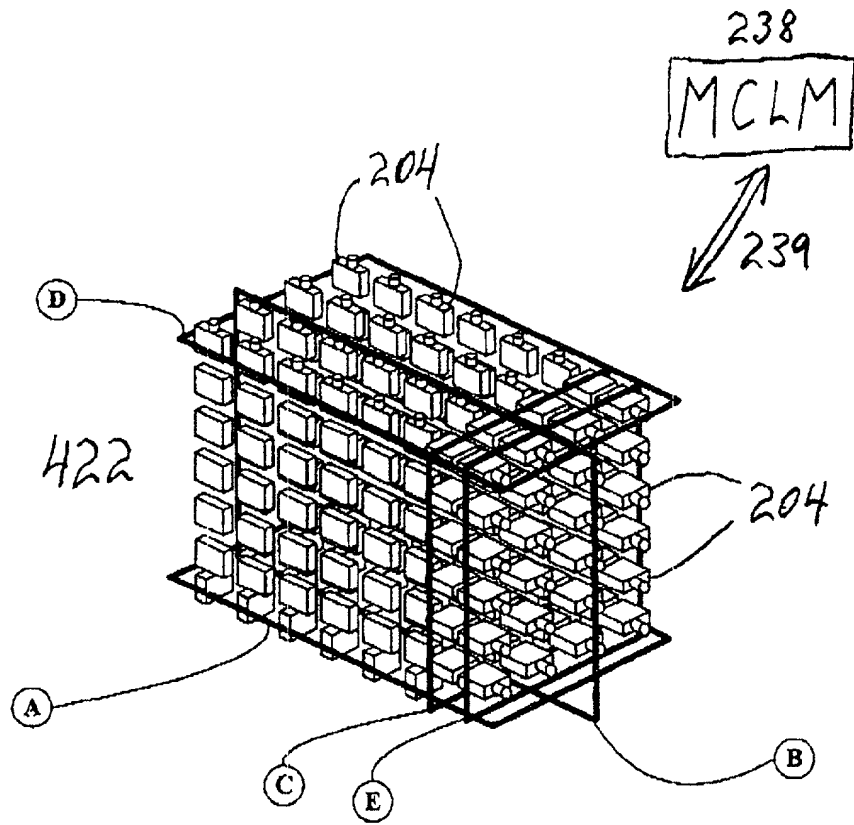


FIG. 26

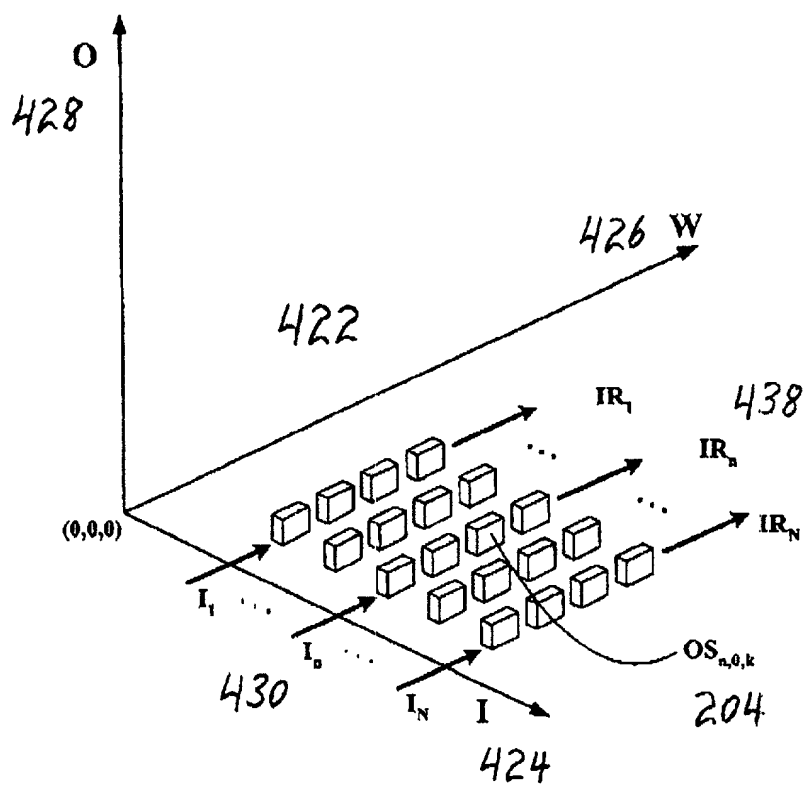


FIG. 27

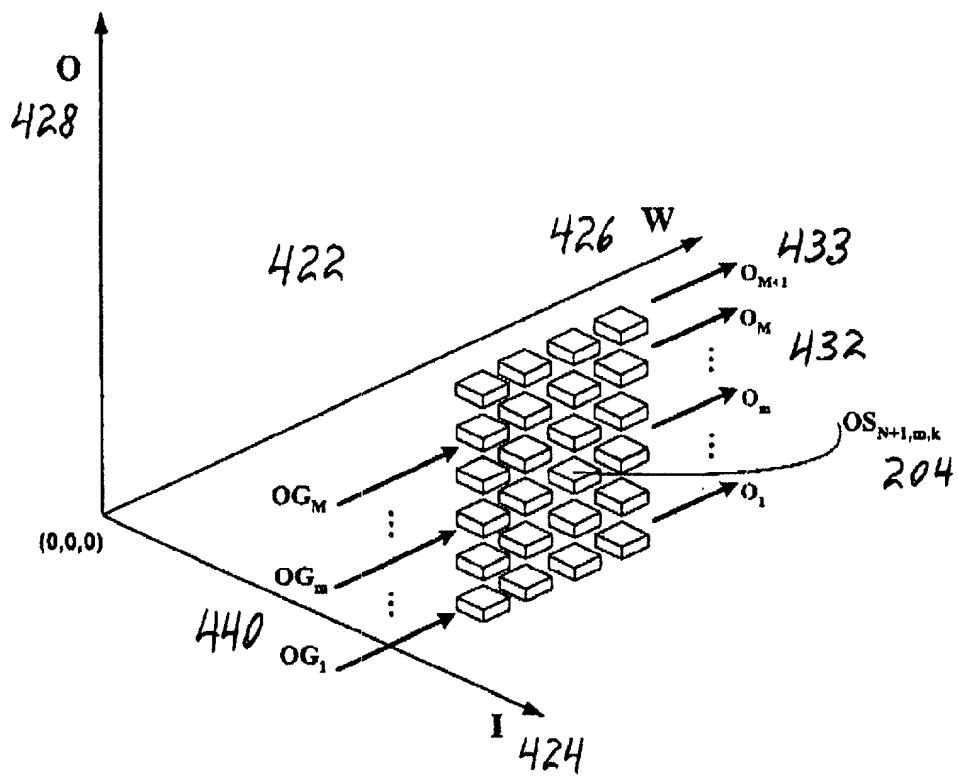


FIG. 28

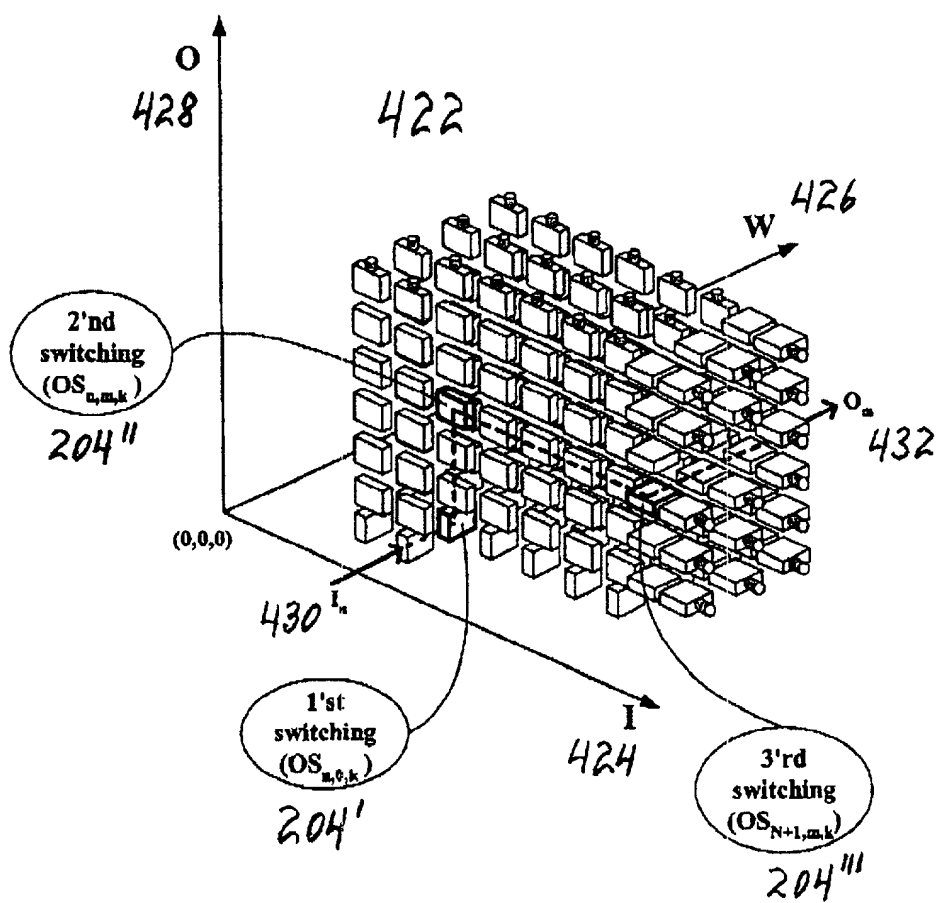


FIG. 29

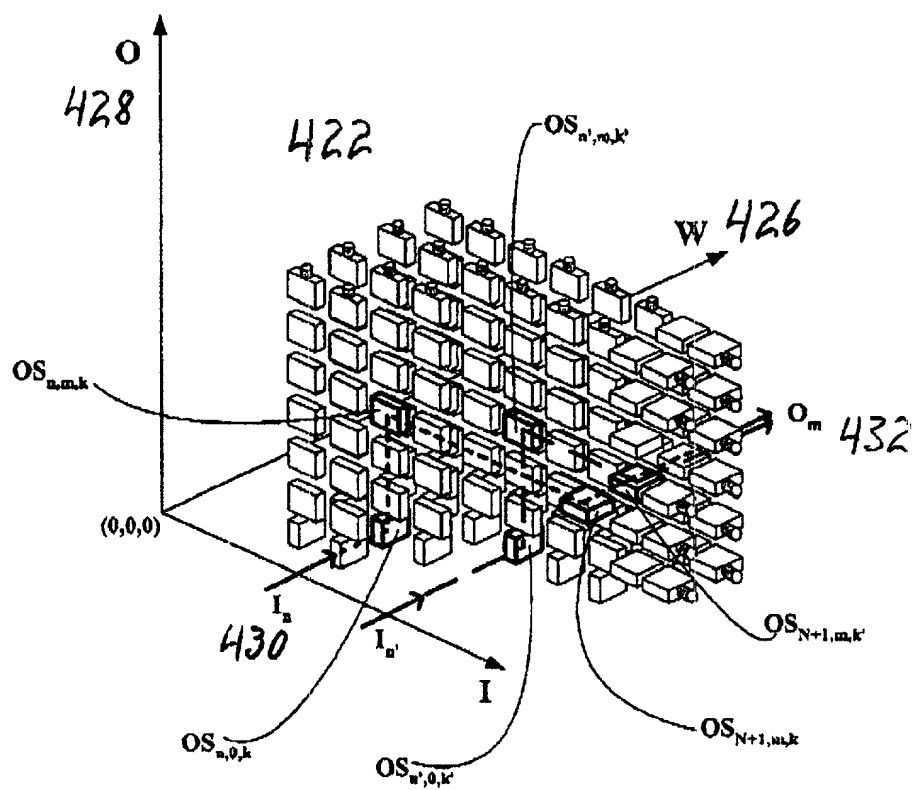


FIG. 30

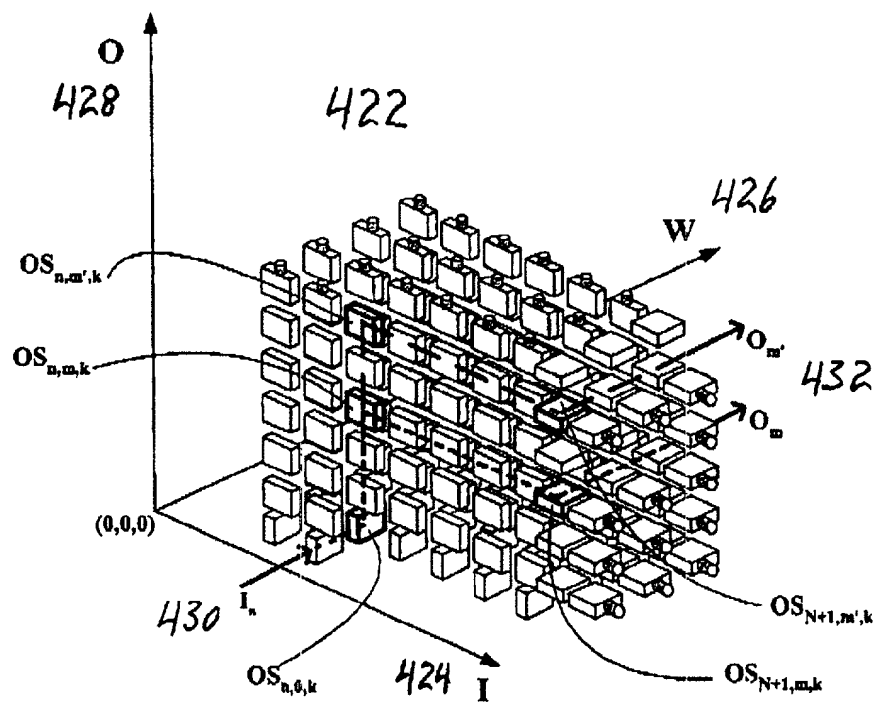


FIG. 31



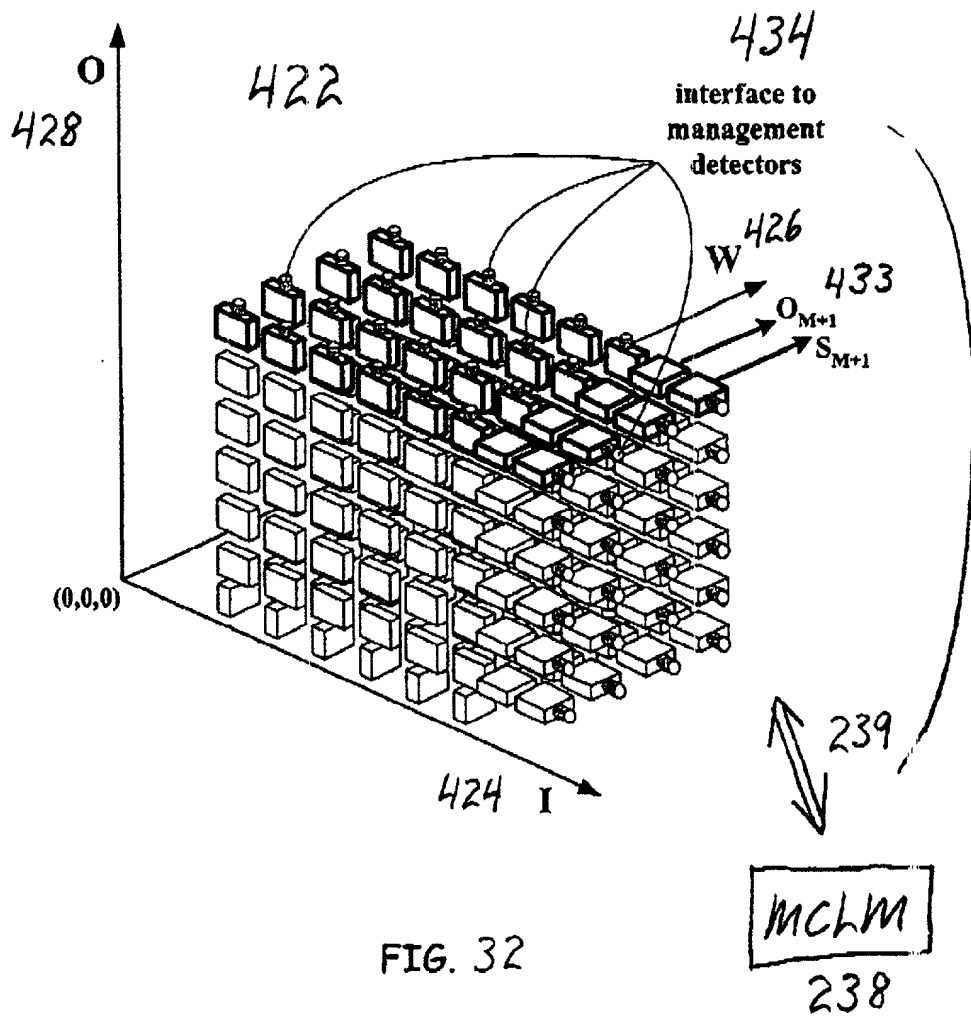


FIG. 32

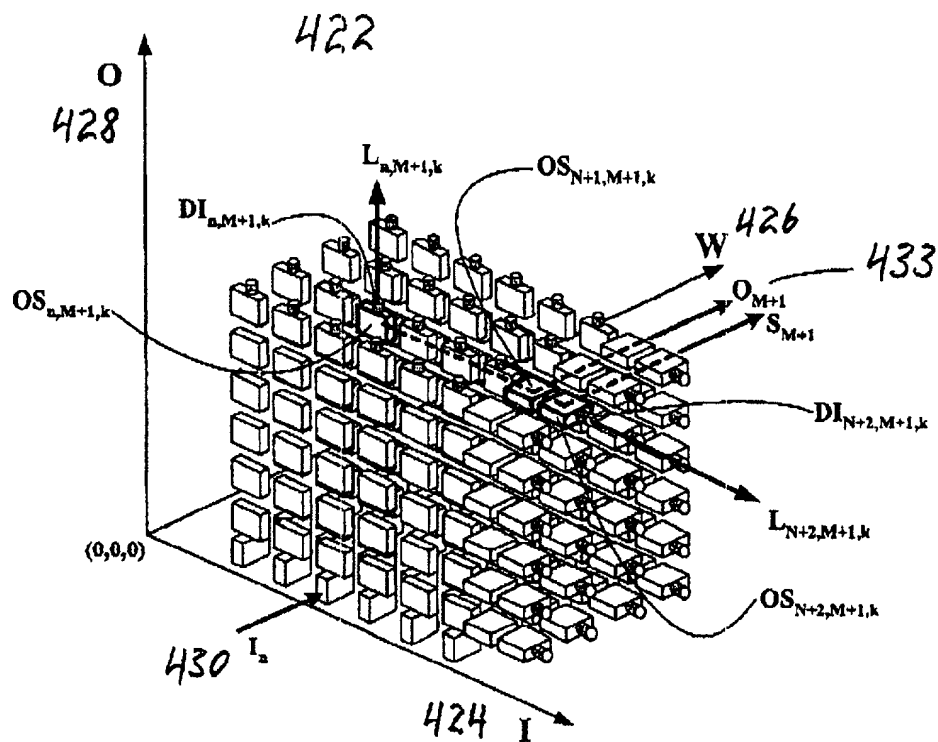


FIG. 33

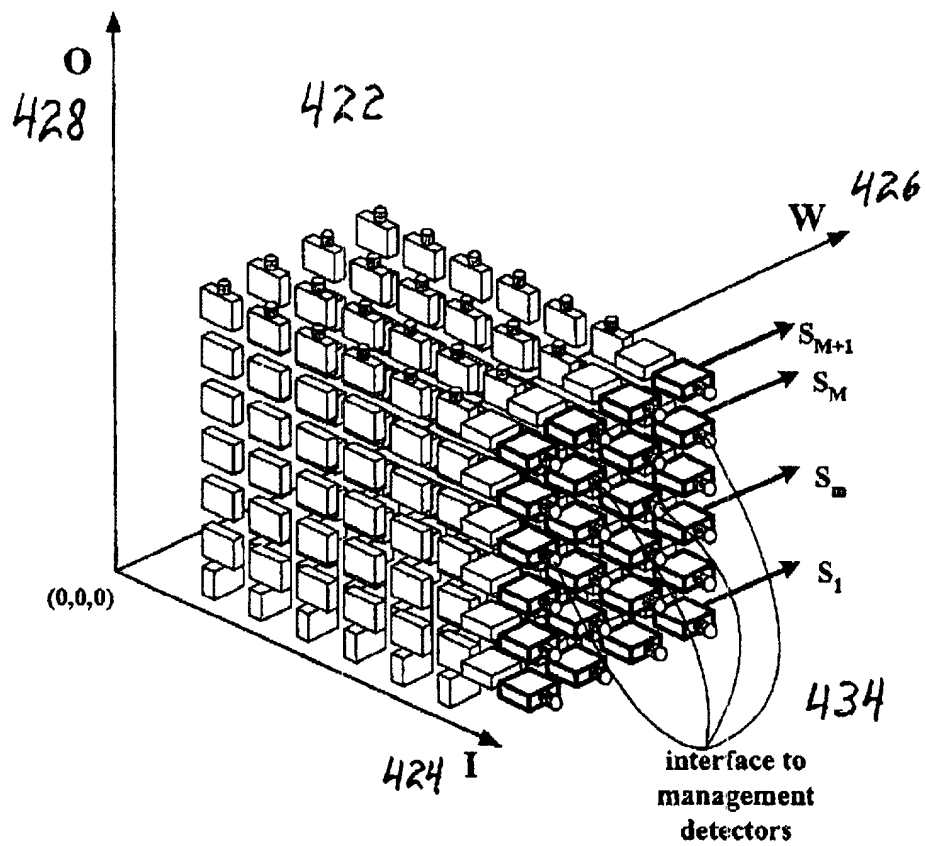


FIG. 34



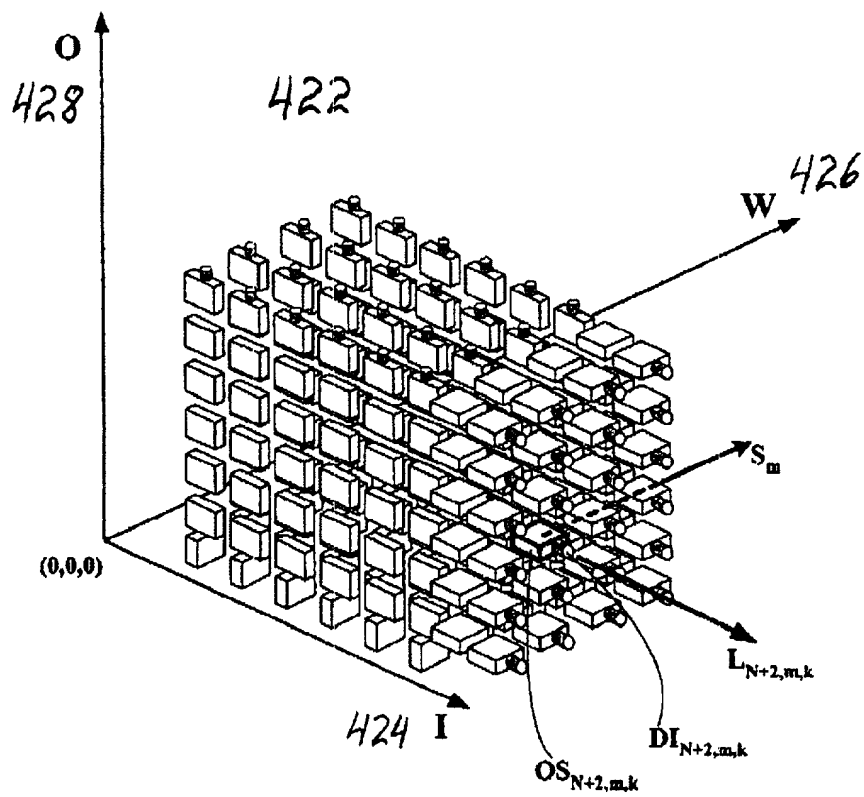


FIG. 35